METHOD AND SYSTEM OF DYNAMICALLY ADJUSTING A SPEECH OUTPUT RATE TO MATCH A SPEECH INPUT RATE

ABSTRACT

A method (10) and system of adjusting a speech output rate to match a speech input rate can include the steps of receiving (12) speech input, computing (14) a speech input rate, and dynamically adjusting (18 or 26) a speech output rate to match the speech input rate. If the type of speech output is TTS, then a rate of TTS can be adjusted (18). If the type of speech output is recorded and alternate text is available, then steps (22 and 24) of counting alternate text available from a recorded output and determining an audio file length is used to compute a default output rate to adjust a recorded output rate. If the type is recorded and alternate text is unavailable, then steps (21 and 24) of obtaining an output word count from a transcription of a recorded speech output and determining an audio file length is used.